

~~equal to 0.015 meq/g KOH, and a number average molecular weight of 2,000 to 10,000 with no higher molecular weight polyols.~~

13. (Currently Amended) The polyether polyol of Claim 12, wherein step a) further comprises providing ethylene oxide, propylene oxide, butylene oxide, epichlorohydrin or mixtures of these alkylene oxides.

14. (Original) The polyether polyol of Claim 12, wherein step b) comprises providing as the at least one initiator molecule a polyhydroxyl compound, a mixed hydroxyl and amine compound, a polyamine compound, or mixtures of these initiator molecules.

15. (Original) The polyether polyol of Claim 12, wherein

a) step b) comprises providing as the at least one initiator molecule, an oligomer comprising the reaction product of a pre-reaction initiator molecule with at least one alkylene oxide and

b) step c) comprises using the oligomer as the initiator molecule.

16. (Original) The polyether polyol of Claim <sup>15</sup>~~12~~, wherein said oligomer has a number average molecular weight of from 200 to 1500 Daltons.

17. (Original) The polyether polyol of Claim 12, wherein step c) comprises providing the aluminum phosphonate catalyst in an amount of from 0.1 to 5.0 weight percent based on the total weight of the polyether polyol.

18. (Original) The polyether polyol of Claim 12, wherein step c) comprises providing as the aluminum phosphonate catalyst an aluminum phosphonate wherein:

R is a methyl group;